

# **REMOVING OR RELOCATING STRUCTURES AND OBSTRUCTIONS - Section 202**

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The removal of structures and obstructions includes removing and disposing of anything not designated or permitted to remain on the right-of-way, except obstructions to be removed under other contract items.

Relocation of a structure involves moving it to a new location specified by the department and restoration to original condition with all connections properly made, all in accordance with the contract and plans.

When contaminated soil, underground tanks, friable asbestos, or contaminated fluids are encountered, the contractor shall immediately stop all construction activity in the vicinity and contact the Materials and Testing Section. The Materials and Testing Section will provide a cleanup plan for the contractor to follow. All coordination of activity surrounding the hazardous site will be through the Materials and Testing Section. The contractor shall follow the cleanup plan and guidance provided by the department.

Structures, pipes, culverts or other objects to be salvaged in total or in part shall be dismantled, handled and stored so that no damage will occur. If salvaged materials are to be stored on private property that does not belong to the contractor, the contractor must provide the project engineer with a copy of the written agreement made with the property owner. If salvaged materials are to be stored on property owned by the contractor, the contractor shall provide the project engineer with a letter indicating the location and ownership of the storage area and relieving the department of any responsibility. This agreement is also to designate the type(s) and quantity of material to be stored. If materials are to be disposed on such property, a copy of the agreements discussed under **CLEARING AND GRUBBING** must also be provided to the project engineer.

If the contract requires the contractor to deliver salvaged material to a DOTD location, the contractor and project engineer shall make arrangements for this delivery. A department representative will be assigned to inventory the material to be salvaged and delivered and to receive the material at the designated DOTD location.

Cavities outside construction limits shall be backfilled and compacted as directed by the project engineer. Holes left by structure removal, except in areas to be excavated, shall be filled to the level of the surrounding ground with usable soil conforming to Subsection 203.06(a) and shall be compacted as directed to at least the density of the surrounding soils. The filling operation shall be performed as directed in accordance with standard embankment construction procedures. Large cavities beneath the roadway or other structures are to be filled and compacted in lifts not exceeding 12-inches loose thickness, in accordance with Specification Section 203.

When a bridge or other drainage structure used by traffic is slated for removal, operations are not to begin until arrangements have been made to accommodate traffic. Substructures in stream beds shall be removed to natural stream bottom. Parts of

substructures outside of stream beds shall be removed to one foot below natural ground. Cavities created by removal of structures are to be backfilled with usable soil and compacted to at least the density of the surrounding ground. Large cavities beneath the roadway or other structures are to be filled and compacted in lifts not exceeding 12-inches loose thickness, in accordance with Specification Section 203.

Objects such as trees, structures, culverts, pipes, etc., designated to remain on the right-of-way or which are situated on private property adjacent to the right-of-way are not to be damaged during the removal of other objects. The contractor is responsible for any damage which occurs to objects that are not slated for removal. The contractor shall repair or replace any damaged object not slated for removal as directed.

When archaeological or paleontological remains are located or suspected, the project engineer will proceed as instructed under **CLEARING AND GRUBBING**.

## **QUALITY ASSURANCE DOCUMENTATION**

Project personnel will document the removal or relocation of structures and obstructions in a field book in accordance with standard department practice. The contractor will keep detailed records of all activities, permits, correspondence, and related documents until the department has accepted the removal and relocation as required by the contract and plans.